

-	193	M-16 and rifle	USPAT;	2002/07/26
-	7	M-16 and (selector adj switch)	US-PGPUB	14:04
-	1	(four adj position adj selector adj switch) and gun	USPAT;	2002/07/26
-	507816	89/140 and selector switch	US-PGPUB	14:15
-	8	89/140 and (selector adj switch)	USPAT;	2002/07/26
-	13	("1028032"   "2383487"   "3292492"   "3446114"   "3715954"   "3724325"   "3774500"   "3847054"   "4002101"   "4117761"   "4697495"   "4833970"   "5251533").PN.	US-PGPUB	14:17
-	14	"4116193"	USPAT;	2002/07/26
-	1	4116193.pn.	US-PGPUB	14:17
-	5	("0398130"   "1057171"   "1677810"   "2312244"   "3474560").PN.	USPAT;	2002/07/26
-	12	4116193.URPN.	US-PGPUB	15:13
-	72	124/\$.ccls. and (bolt same hollow)	USPAT	2002/07/26
-	11	("1266764"   "1299901"   "3662729"   "5280778"   "5462042"   "5505188"   "5572982"   "5655510"   "5673679"   "5823173"   "5881707").PN.	USPAT	15:14
-	559	124/\$.ccls. and piston	USPAT;	2004/04/15
-	306863	pile driver	US-PGPUB	11:37
-	2177	pile and driver	USPAT;	2004/04/15
-	177	(124/\$.ccls. and piston) and bolt	US-PGPUB	11:38
-	1089	124/\$.ccls. and (weighted bolt)	USPAT;	2004/04/15
-	0	124/\$.ccls. and (weighted adj bolt)	US-PGPUB	11:39
-	0	124/\$.ccls. and (weighted near bolt)	USPAT;	2004/04/15
-	7	124/\$.ccls. and (weight\$ near bolt)	US-PGPUB	11:39
-	225	124/\$.ccls. and recoil	USPAT;	2004/04/15
-	2	(124/\$.ccls. and recoil ) and (recoil near simulate)	US-PGPUB	11:48
-	2	(124/\$.ccls. and recoil ) and (recoil near generate)	USPAT;	2004/04/15
-	8	(124/\$.ccls. and recoil ) and (recoil near (generat\$ or simulat\$))	US-PGPUB	11:51
-	0	(124/\$.ccls. and recoil ) and (recoil near (imitat\$))	USPAT;	2004/04/15
-	0	(124/\$.ccls. and recoil ) and (recoil near (reproduce))	US-PGPUB	11:58
-	0	(124/\$.ccls. and recoil ) and (recoil near (propogate))	USPAT;	2004/04/15
-	0	(124/\$.ccls. and recoil ) and (recoil near (produce))	US-PGPUB	12:03
-	88	89/14.5.ccls.	USPAT;	2004/04/15
-	34	89/14.5.ccls. and recoil	US-PGPUB	12:04
-	8	((("2151521") or ("2980096") or ("3741189") or ("3782359") or ("4004566") or ("4422433") or ("4986251") or ("6470871"))).PN.	USPAT;	2004/04/15
			US-PGPUB	12:05
			USPAT;	2004/04/19
			US-PGPUB	15:33
			USPAT;	2004/04/20
			US-PGPUB	10:14
			USPAT;	2004/04/20
			US-PGPUB	10:18

-	19	((("3049977") or ("4083349") or ("4116193") or ("4819609") or ("5063905") or ("5150701") or ("5341790") or ("5400536") or ("5462042") or ("5515838") or ("5586545") or ("5592931") or ("5613483") or ("5660159") or ("5680853") or ("5709199") or ("5711286") or ("5771875") or ("5913303"))).PN.	USPAT; US-PGPUB	2004/04/20 . 10:25
-	34	434/18.ccls.	USPAT; US-PGPUB	2004/04/20 11:39
-	103313	gun or pistal or firearm	USPAT; US-PGPUB	2004/04/20 11:39
-	108948	gun or pistol or firearm	USPAT; US-PGPUB	2004/04/20 11:39
-	2998	(gun or pistol or firearm) and recoil	USPAT; US-PGPUB	2004/04/20 11:39
-	3294	(gun or pistol or firearm) and recoil\$	USPAT; US-PGPUB	2004/04/20 11:40
-	1799	((gun or pistol or firearm) and recoil\$) and (enhanc\$ or simulat\$ or approximat\$)	USPAT; US-PGPUB	2004/04/20 11:40
-	103	((((gun or pistol or firearm) and recoil\$) and (enhanc\$ or simulat\$ or approximat\$)) and (recoil\$ near (enhanc\$ or simulat\$ or approximat\$)))	USPAT; US-PGPUB	2004/04/20 11:41
-	78	(((((gun or pistol or firearm) and recoil\$) and (enhanc\$ or simulat\$ or approximat\$)) and (recoil\$ near (enhanc\$ or simulat\$ or approximat\$))) and (bolt or driver or piston or mass))	USPAT; US-PGPUB	2004/04/20 11:41
-	56	((((((gun or pistol or firearm) and recoil\$) and (enhanc\$ or simulat\$ or approximat\$)) and (recoil\$ near (enhanc\$ or simulat\$ or approximat\$))) and (bolt or driver or piston or mass)) and spring	USPAT; US-PGPUB	2004/04/20 11:50
-	22	((((((gun or pistol or firearm) and recoil\$) and (enhanc\$ or simulat\$ or approximat\$)) and (recoil\$ near (enhanc\$ or simulat\$ or approximat\$))) and (bolt or driver or piston or mass)) not ((((((gun or pistol or firearm) and recoil\$) and (enhanc\$ or simulat\$ or approximat\$)) and (recoil\$ near (enhanc\$ or simulat\$ or approximat\$))) and (bolt or driver or piston or mass)) and spring)	USPAT; US-PGPUB	2004/04/20 11:52
-	25	(((((gun or pistol or firearm) and recoil\$) and (enhanc\$ or simulat\$ or approximat\$)) and (recoil\$ near (enhanc\$ or simulat\$ or approximat\$))) not ((((((gun or pistol or firearm) and recoil\$) and (enhanc\$ or simulat\$ or approximat\$)) and (recoil\$ near (enhanc\$ or simulat\$ or approximat\$))) and (bolt or driver or piston or mass)))	USPAT; US-PGPUB	2004/04/20 11:54
-	225	124/\$.ccls. and recoil	USPAT; US-PGPUB	2004/04/20 11:55
-	169	(124/\$.ccls. and recoil) and (bolt or piston or mass)	USPAT; US-PGPUB	2004/04/20 12:22
-	2778	light and bulb and mesh	USPAT; US-PGPUB	2004/04/20 12:22
-	676	(light and bulb and mesh ) and (mill or plant)	USPAT; US-PGPUB	2004/04/20 12:28
-	479	362/374.ccls.	USPAT; US-PGPUB	2004/04/20 12:29
-	543	362/375.ccls.	USPAT; US-PGPUB	2004/04/20 12:30
-	588	434/16-24.ccls.	USPAT; US-PGPUB	2004/04/21 08:25

L Number	Hits	Search Text	DB	Time stamp
169	3	("2708319"   "4480999"   "4829877").PN.	USPAT	2004/04/21 08:18
170	4	2708319.URPN.	USPAT	2004/04/21 08:18
171	4	4829877.URPN.	USPAT	2004/04/21 08:19
379	75	434/16-24.ccls. and recoil	USPAT; US-PGPUB	2004/04/21 08:25
380	0	434/16-24.ccls. and (bolt adj driver)	USPAT; US-PGPUB	2004/04/21 08:28
381	108	bolt adj driver	USPAT; US-PGPUB	2004/04/21 08:29
382	53	(bolt adj driver) and (munition or gun or arm or firearm or weapon)	USPAT; US-PGPUB	2004/04/21 08:29
378	588	434/16-24.ccls.	USPAT; US-PGPUB	2004/04/21 08:40
383	13	2023497.URPN.	USPAT	2004/04/21 08:50
-	7399	124/\$.ccls.	USPAT; US-PGPUB	2002/07/26 15:13
-	697	124/\$.ccls. and (gas or fluid or (paint adj ball))	USPAT; US-PGPUB	2002/07/24 14:45
-	194	((124/\$.ccls. and (gas or fluid or (paint adj ball))) and bolt	USPAT; US-PGPUB	2002/07/24 14:46
-	129	((124/\$.ccls. and (gas or fluid or (paint adj ball))) and bolt) and valve	USPAT; US-PGPUB	2002/07/24 14:46
-	110	((124/\$.ccls. and (gas or fluid or (paint adj ball))) and bolt) and valve) and spring	USPAT; US-PGPUB	2002/07/24 14:51
-	23	((124/\$.ccls. and (gas or fluid or (paint adj ball))) and bolt) and valve) and spring) and recoil	USPAT; US-PGPUB	2002/07/24 15:26
-	213	124/72	USPAT; US-PGPUB	2002/07/24 15:26
-	5	"5711286"	USPAT; US-PGPUB	2002/07/25 15:08
-	1	5711286.pn.	USPAT; US-PGPUB	2002/07/25 15:08
-	1	5711286.pn. and "505"	USPAT; US-PGPUB	2002/07/25 15:21
-	1	5771875.pn.	USPAT; US-PGPUB	2002/07/25 15:21
-	1664	124/63-76,70-77,40,51.1,82,45,48.ccls.	USPAT; US-PGPUB	2002/07/26 12:49
-	3	124/63-76,70-77,40,51.1,82,45,48.ccls. and (operating adj rod)	USPAT; US-PGPUB	2002/07/26 12:51
-	0	124/63-76,70-77,40,51.1,82,45,48.ccls. and (saftey and automatic and semi)	USPAT; US-PGPUB	2002/07/26 12:51
-	0	124/63-76,70-77,40,51.1,82,45,48.ccls. and saftey	USPAT; US-PGPUB	2002/07/26 12:51
-	0	124/63-76,70-77,40,51.1,82,45,48.ccls. and saftey	USPAT; US-PGPUB	2002/07/26 12:51
-	229	124/63-76,70-77,40,51.1,82,45,48.ccls. and safety	USPAT; US-PGPUB	2002/07/26 12:51
-	42	((124/63-76,70-77,40,51.1,82,45,48.ccls. and safety) and semi	USPAT; US-PGPUB	2002/07/26 12:51
-	24	((124/63-76,70-77,40,51.1,82,45,48.ccls. and safety) and semi) and fully	USPAT; US-PGPUB	2002/07/26 12:52
-	8	((124/63-76,70-77,40,51.1,82,45,48.ccls. and safety) and semi) and fully) and rate	USPAT; US-PGPUB	2002/07/26 12:56
-	193	124/63-76,70-77,40,51.1,82,45,48.ccls. and magazine	USPAT; US-PGPUB	2002/07/26 12:56
-	38	((124/63-76,70-77,40,51.1,82,45,48.ccls. and magazine) and pawl	USPAT; US-PGPUB	2002/07/26 12:56
-	23	((124/63-76,70-77,40,51.1,82,45,48.ccls. and magazine) and pawl) and operator	USPAT; US-PGPUB	2002/07/26 12:56
-	15	((124/63-76,70-77,40,51.1,82,45,48.ccls. and magazine) and pawl) and operator) and index	USPAT; US-PGPUB	2002/07/26 12:57

-	16005	42/\$.ccls.	USPAT;	2002/07/26
-	10	42/\$.ccls. and saftey	US-PGPUB	12:57
-	1564	42/\$.ccls. and safety	USPAT;	2002/07/26
-	389	(42/\$.ccls. and safety) and semi	US-PGPUB	12:58
-	335	((42/\$.ccls. and safety) and semi) and automatic	USPAT;	2002/07/26
-	7	((42/\$.ccls. and safety) and semi) and automatic) and cyclic	US-PGPUB	12:58
-	43	42/\$.ccls. and selector adj switch	USPAT;	2002/07/26
-	43	42/\$.ccls. and (selector adj switch)	US-PGPUB	13:00
-	22	(42/\$.ccls. and (selector adj switch)) and safety	USPAT;	2002/07/26
-	15	((42/\$.ccls. and (selector adj switch)) and safety) and automatic	US-PGPUB	13:02
-	7	((124/63-76,70-77,40,51.1,82,45,48.ccls. and magazine) and pawl) and rate	USPAT;	2002/07/26
-	7	((124/63-76,70-77,40,51.1,82,45,48.ccls. and magazine) and pawl) and rate) and rate	US-PGPUB	13:03
-	6	((42/\$.ccls. and (selector adj switch)) and safety) and automatic) and rate	USPAT;	2002/07/26
-	235	42/66,70.01,70.04,70.05,70.06,70.08.ccls. and slide	US-PGPUB	13:05
-	1181	42/66,70.01,70.04,70.05,70.06,70.08.ccls.	USPAT;	2002/07/26
-	118	42/66,70.01,70.04,70.05,70.06,70.08.ccls. and semi	US-PGPUB	13:09
-	14	42/66,70.01,70.04,70.05,70.06,70.08.ccls. and fully near automatic	USPAT;	2002/07/26
-	14	42/66,70.01,70.04,70.05,70.06,70.08.ccls. and (fully near automatic)	US-PGPUB	13:10
-	162	89/128	USPAT;	2002/07/26
-	751	89/128,129.01,129.02,131,132,140,142,148.ccls.	US-PGPUB	13:11
-	99	89/128,129.01,129.02,131,132,140,142,148.ccls. and semi	USPAT;	2002/07/26
-	72	(89/128,129.01,129.02,131,132,140,142,148.ccls. and semi) and full	US-PGPUB	13:14
-	104823	"72" and safety	USPAT;	2002/07/26
-	47	((89/128,129.01,129.02,131,132,140,142,148.ccls. and semi) and full) and safety	US-PGPUB	13:14
-	165	89/140	USPAT;	2002/07/26
-	1	89/140 and "900"	US-PGPUB	13:23
-	46	89/\$.ccls. and 42/\$.ccls. and 124/\$.ccls.	USPAT;	2002/07/26
-	38979	89/\$.ccls. or 42/\$.ccls. or 124/\$.ccls.	US-PGPUB	13:25
-	230	(89/\$.ccls. or 42/\$.ccls. or 124/\$.ccls.) and "900"	USPAT;	2002/07/26
-	1	((89/\$.ccls. or 42/\$.ccls. or 124/\$.ccls.) and "900") and (round adj per adj minute)	US-PGPUB	13:25
-	6	(89/\$.ccls. or 42/\$.ccls. or 124/\$.ccls.) and (round adj per adj minute)	USPAT;	2002/07/26
-	110	(89/\$.ccls. or 42/\$.ccls. or 124/\$.ccls.) and selector adj switch	US-PGPUB	13:39
-	3	((89/\$.ccls. or 42/\$.ccls. or 124/\$.ccls.) and selector adj switch) and ((selector adj switch) near safety)	USPAT;	2002/07/26
-	629	M-16	US-PGPUB	13:41
			USPAT;	2002/07/26
			US-PGPUB	13:57